

# NBC Joint Warning and Reporting Network (JWARN)

## DESCRIPTION

The JWARN consists of a hardware interface device and software that are designed to first standardize and then automate the reporting of nuclear, biological and chemical (NBC) incidents across the services. This



hardware will consist of commercial-off-the-shelf materiel. The software will provide an interface between C4I and surveillance and reconnaissance equipment. JWARN is being developed for deployment with nuclear, biological and chemical detectors in the following battlefield applications: combat

and armored vehicles, tactical vehicles, vans, shelters, shipboard facilities, area warning, semi-fixed sites, and fixed sites. Block I was the initial acquisition and fielding of GOTS/COTS software to standardize NBC warning and reporting throughout the Armed Forces. Block II will provide automatic NBC message capability within the Global Command and Control System. Block III will integrate NBC warning and reporting software to all targeted C4I systems and interface with NBC detectors and sensors.

## OPERATIONAL IMPACT

The JWARN Program will replace the manual, often service-specific systems upon which units currently rely. At full capability, it will automate the transfer of data between NBC detectors/sensors and C4I systems, thus minimizing the effects of a hostile attack, accidents or incidents.

## PROGRAM STATUS

JWARN is a joint development program (Marine Corps lead) that will evolve through a planned series of blocks. Block I has been fielded; Blocks II and III are preparing to enter the system development and demonstration phase.

### PROCUREMENT PROFILE: FY03 FY04

Quantity:

0

0

### DEVELOPER/MANUFACTURER

Block I NBC Analysis: BRUHN NewTech, Inc, Columbia, MD.

Block II: TBD